

**CLAIMS:**

1. A data-processing system comprising

- a microprocessor [PRC], and
- a communication device [COM] communicating with an electronic module [MOD] intended to send a convention signal to the microprocessor,

characterized in that the data-processing system comprises a hardware circuit [HARD] allowing inversion or no inversion of the order of bits of a word as a function of the value of said convention signal during transfer of said word between the electronic module [MOD] and the microprocessor [PRC].

2. A data-processing system as claimed in claim 1, characterized in that said electronic module [MOD] is a card of the SIM type.

3. A data-processing system as claimed in claim 1, characterized in that said hardware circuit [HARD] allows inversion or no inversion of the value of the bits of said word as a function of the value of said convention signal.

4. A data-processing system as claimed in claim 1, characterized in that said hardware circuit [HARD] comprises switches [SWHMP] and [SWHPM], right shift registers [RXMP] and [RYPM] and left shift registers [RYMP] and [RXPM].

5. A terminal comprising

- a microprocessor [PRC], and
- a communication device [COM] communicating with an electronic module [MOD] intended to send a convention signal to the microprocessor,

characterized in that the terminal comprises a hardware circuit [HARD] allowing inversion or no inversion of the order of bits of a word as a function of the value of said convention signal during transfer of said word between the electronic module [MOD] and the microprocessor [PRC].

6. A terminal as claimed in claim 5, characterized in that said electronic module [MOD] is a card of the SIM type.

7. A terminal as claimed in claim 5, characterized in that said hardware circuit [HARD] allows inversion or no inversion of the value of the bits of said word as a function of the value of said convention signal.

8. A terminal as claimed in claim 5, characterized in that said hardware circuit [HARD] comprises switches [SWHMP] and [SWHPM], right shift registers [RXMP] and [RYPM] and left shift registers [RYMP] and [RXPM].

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